

## **Directions to Seal Cove Road-East Forest Bird Monitoring Site at:**

### **Acadia National Park, Mt. Desert Island, Maine**

Site established 10 May, 2007 by Kate Miller

*NOTE: All bearings are based on true North; your compass should be adjusted for 17° West declination. All listening stations are marked with double blue flagging and an aluminum treetag, labeled "NETN B#", where # indicates the Point Number. Using a GPS is highly recommended, especially for finding the beginning of the route from a trail/road. Routes marked in blue on the map are also flagged in the field. Estimated pace counts are given for distances, and average 1.4m per two steps. Tree diameters were estimated at a height of 1.37m.*

Point 1 (NETN B20): Park at gate of fire road that heads south from Seal Cove Road just after you pass the park boundary and across from a mailbox marked with "150 Davis". Walk 350m (250 paces) down the fire road to reference point "FR 1". Road will start to curve to the east, and there is a large spruce on the NE side of the fire road, and a large red spruce on the SW side of the fire road. Listening Point is 155m (117 paces) at 270° from fire road (FR 1). First flagged tree is a 4" diameter red spruces flagged at base 15m from road. Route passes through conifer forest with large white pine and red spruce trees. Last 15m (10 paces) of route is at a 290° bearing. Listening Point is a 15" diameter paper birch.

Point 2 (NETN B21): Go back to Fire Road from P1, and continue south 250m (175 paces) to reference point "FR 2" at an S-shaped curve in the road. You will notice a small drop off to the southwest, and carpet moss forest. Just beyond this point there are two roots sticking up from the road. Listening Point is 213m (142 paces) at 270° from fire road. First flag is near base of 3-4" red spruce trees growing together, and down slope about 20m (15 paces) from fire road. Route varies between dense understory spruce and carpet moss forest. Listening Point is a 9" diameter red maple covered with lungwort lichen. A group of 4+ down trees is just south of P2.

Point 3 (NETN B22): Go back to Fire Road from P2, and continue south 250m (185 paces) to where private trail head meets the fire road (a blue t-shirt was laying in the trail at the time of site establishment.). First flag is 10m from fire road on a 1.5" red spruce near a 12" diameter red maple. Listening Point is 240m (172 paces) at 270° from fire road/ trail head. Route follows a side slope that slopes down to the north, and varies between dense understory spruce and carpet moss forest. At 240m (172 paces) cross a wet spot with ferns. Listening Point is about 10m beyond the wet ferny spot, and is a tall 11" diameter red spruce with thick roots growing over moss covered rocks.

*NOTE: Head East back to fire road, then north back to gate.*

Point 4 (NETN B23): Park at the fire road pull off at the Seal Cove Road park gate just past White Birches Campground (reference point "FR"). Walk 15m (10 paces) West of "...commercial vehicles..." sign (reference point "RD 4"), and go 30m (21 paces) at 310°. First flagged tree is a 3" diameter red spruce. Listening Point is a 4" red spruce.

Point 5 (NETN B24): Begin at same point (RD 4) on Seal Cove Road as for P4. Listening Point is 215m (~165 paces) from road at 180°. First flagged tree is a 4" red spruce near a forked red maple, and is 20m (15 paces) from the road. Route varies between dense understory spruce with mixed conifer/hardwoods, and relatively open spruce/fir forest. Listening Point is a 6" red maple in a clump of three red maples at the edge of a small wet sphagnum moss area.

Point 6 (NETN B25): Listening Point is 245m (160 paces) at 90° from P5. Route passes through several dense understory spruce patches. At 150m (110paces) you'll pass near a sphagnum moss dominated wetland. Listening Point is a 8" balsam fir at the edge of a dense understory spruce patch.

Point 7 (NETN B27): Listening Point is 250m (176 paces) at 360° from P6. Route passes through several dense understory spruce patches. At 150m (106 paces) can see an opening and a structure through trees. At 210m (152 paces) you will cross a trail (reference point "TR") that goes into an opening with several gravel piles. Listening Point is a 6" red maple.

*NOTE: To get back to car, walk south 30m back to the trail (TR) and follow it to the opening. Across the opening will be another fire road, which will take you West to where you parked (FR).*

*GPS NOTES: The forest canopy in much of the area is very dense, and can cause difficulties with GPS units. You should be able to get a decent reading along the fire road to navigate to "Reference Points". However, within the forest, GPS navigation can be tough and you should rely more on compass bearings and pacing. GPS points are projected in UTM NAD83.*

POINT	Tag#	X	Y
1	20	552208	4903497
2	21	552223	4903270
3	22	552230	4903024
4	23	551452	4903285
5	24	551484	4903028
6	25	551709	4903021
7	27	551701	4903274
FR 1	n/a	552377	4903495
FR 2	n/a	552443	4903270
FR	n/a	551543	4903326
RD 4	n/a	551479	4903279
TR	n/a	551703	4903244